



Proposed Revised Shell Kulluk OCS Minor Air Permit

This Proposed Permit is to Shell Offshore, Inc. (SOI)

- To conduct exploratory drilling operations in the Beaufort Sea
- Using a single drill rig the Kulluk, not the Frontier Discoverer
- 3 to 28 miles from the coastline (OCS area)
- Permit has no expiration date

This Proposed Permit was revised following appeal in 2007 challenging;

- The definition of a source as a single drill site, and
- Air quality impact analysis

This Proposed Permit regulates emissions of the following air pollutants;

- Sulfur Dioxide (SO_2)
- Fine Particulate (PM_{10})
- Nitrogen Dioxide (NO_2)

Each air pollutant is limited to;

- 250 tons per year at each drill site,
- From drill rig, ice breaker, anchor handler, supply ship and oil spill response vessels

Air pollution control requirements include;

- PM_{10} - Particulate filters on some diesel-fired engines
- SO_2 - Sulfur limits on fuels combusted

